L#	Hits	Search String	Databases
L2	1	CAD with "tool model"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	758	CAD and ((tool or hand) with Model$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	1	CAD same "tool model"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	11	CAD and ("standard parts" with Model$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	10	CAD and (virtual adj (assembly or disassembly))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	23	CAD and "tool model"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	15	(virtual adj (assembly or disassembly)) and ((tool or hand) with Model$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	22	CAD and (hand adj Model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	7	("standard parts" with Model$3 with tool$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	3	("standard parts" with assembly with tool$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	0	"standard parts" with "virtual assembly"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	0	"standard parts" with "tool model"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	0	screw with (screwdriver adj model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	2	screw with (screwdriver with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	0	"virtual assembly" with (screwdriver with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	0	"virtual assembly" with (wrench with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	0	"virtual assembly" and (wrench with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	0	"virtual assembly" and (screwdriver with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	1	CAD and (screwdriver with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	0	CAD and (wrench with model)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
.	2	5,075,866.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	2	6,157,902.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	4	5,075,866.pn. or 6,157,902.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	1	(5,075,866.pn. or 6,157,902.pn.) and space	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	1	(5,075,866.pn. or 6,157,902.pn.) and clearance	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	58	CAD and (screwdriver or wrench or spanner)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	0	nd (screwdriver or wrench or spanner) and ((screwdriver or wrench or spanner) witt USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	
	0	I (screwdriver or wrench or spanner) and ((screwdriver or wrench or spanner) with USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	
L10	1072	virtual with (assembly or disassembly)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	9	10 and (screwdriver or wrench or spanner)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	72	700/104.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	32	700/105.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

L14	108	706/919.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L15	198	12 or 13 or 14	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L16	72	15 and (assembly or disassembly)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L18	1	17 and (screwdriver or wrench or spanner)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L17	65	16 and (tool$1 or hand$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L19	11	17 and (screw or bolt or nut)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L20	4	5,075,866.pn. or 6,157,902.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L21	0	20 and fastening	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L22	1	20 and screw	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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EAST SEARCH   10/17/02

Results of search set L10:(virtual adi (assembly or disassembly)) and ((tool or hand) with Model$3)

Document Kind Codes	Title	Issue Date	Current OR	Abstract
US 20020133803 A1	Enhancement to horizontally-structured CAD/CAM modeling	20020919	717/104	
US 20020133267 A1	Enhancement to horizontally structured manufacturing process modeling	20020919	700/182	
US 20020133266 A1	Horizontally structured manufacturing process modeling for alternate operations, lai	20020919	700/182	
US 20020133265 A1	Horizontally structured manufacturing process modeling for concurrent product and	20020919	700/182	
US 20020133253 A1	Horizontally-structured CAD/CAM modeling for virtual fixture and tooling processes	20020919	700/98	
US 20020133252 A1	Horizontally structured manufacturing process modeling for fixtures and tooling	20020919	700/97	
US 20020123812 A1	Virtual assembly design environment (VADE)	20020905	700/98	
US 6157902 A	Disassembly route producing apparatus, assembly route producing apparatus, and	20001205	703/7	
US 5548694 A	Collision avoidance system for voxel-based object representation	19960820	345/424	
US 5106290 A	Assembly data model tool system	19920421	425/470	
US 5033014 A	Integrated manufacturing system	19910716	703/1	
US 5023800 A	Assembly data model system	19910611	700/182	
US 4956764 A	Assembly data model tool system	19900911	700/59	
US 4945488 A	Integrated aircraft manufacturing system	19900731	700/182	
US 4937768 A	Integrated assembly system	19900626	703/1	

Results of search set L10: ("standard parts" with Model$3 with tool$1)

US 6209794 B1	Method for designing a vehicle thermal management system	20010403	236/94
US 6113644 A	Method and system for vehicle design using occupant reach zones	20000905	703/8
US 6113643 A	Method and system for vehicle design using occupant vision zones	20000905	703/8
US 6110216 A	Occupant based design method for an automotive vehicle	20000829	703/8

US 6096087 A	Method and system for vehicle design using reflection zones	20000801 703/8
US 6096086 A	Method and system for vehicle design using occupant-to-vehicle interaction	20000801 703/8
US 6090148 A	Occupant based design system for an automotive vehicle	20000718 703/8